IN THE CLAIMS

Please amend the claims as follows:

1-34 (Cancelled)

35. (Currently Amended) A method for timing multiple events comprising:

providing a clock capable of indicating a current time;

receiving a plurality of ~~events~~ time durations each having a respective ~~event~~ duration;

determining an expiration time of each ~~event~~ time duration based on a respective ~~event~~ received time and said respective ~~event~~ duration;

determining which expiration time of said ~~events~~ time durations is first to occur relative to said current time;

establishing a start time based on the current time when said first to occur expiration time is determined;

determining a time period based on a difference between said start time and said first to occur expiration time minus an amount of time to send an action signal;

providing a timer;

timing said time period with said timer;

transmitting [[an]]said action signal corresponding to said ~~event~~ time duration having said first to occur expiration time when said time period has expired.

36. (Currently Amended) The method according to claim 35, further comprising:

receiving an additional ~~event~~ time duration having an additional expiration time while said timer is timing said time period; and

determining if said additional expiration time will occur sooner than said first to occur expiration time.

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37. (Currently Amended) The method according to claim 36, wherein if said additional expiration time will occur sooner than said first to occur expiration time, said method further comprises:

establishing a new start time based on a current time when said additional expiration time is determined to occur sooner than said first to occur expiration time;

determining a new time period based on a time difference between said new start time and said additional expiration time;

~~stopping timing of said time period;~~

timing said new time period with said timer; and

transmitting an action signal corresponding to said additional ~~event~~ time duration.

38. (Currently Amended) The method according to claim 35, further comprising:

after transmitting said action signal, determining an expiration time that is next to occur relative to said current time;

establishing a second start time based on a current time when said next to occur expiration time is determined;

determining a second time period equal to the time difference between said second start time and said next to occur expiration time;

providing a timer;

timing said second time period; and

transmitting a second action signal corresponding to said ~~event~~ time duration having said next to occur expiration time.

39. (Currently Amended) The method according to claim 35, further comprising:

checking a first indicator upon transmitting said action signal, said first indicator corresponding to whether said action signal should be sent again; and

determining [[an]]a second expiration time for resending said action signal if said indicator indicates that said action signal should be sent again.

40. (Currently Amended) A set of instructions residing in a storage medium, said set of instructions capable of being executed by a processor to implement a method for timing multiple events, the method comprising:

providing a clock capable of indicating a current time;

receiving a plurality of ~~events~~ time durations each having a respective ~~event~~ duration;

determining an expiration time of each ~~event~~ time duration based on a respective ~~event~~ received time and said respective ~~event~~ duration;

determining which expiration time of said ~~events~~ time durations is first to occur relative to said current time;

establishing a start time based on the current time when said first to occur expiration time is determined;

determining a time period based on a difference between said start time and said first to occur expiration time minus an amount of time to send an action signal;

providing a timer;

timing said time period with said timer;

transmitting [[an]]said action signal corresponding to said ~~event~~ time duration having said first to occur expiration time when said time period has expired.

41. (Currently Amended) The set of instructions according to claim 40, wherein said method to be implemented further comprises:

receiving an additional ~~event~~ time duration having an additional expiration time while said timer is timing said time period; and

determining if said additional expiration time will occur sooner than said first to occur expiration time.

42. (Currently Amended) The set of instructions according to claim 41, wherein if said additional expiration time is sooner than said soonest expiration time, said method to be implemented further comprises:

establishing a new start time based on a current time when said additional expiration time is determined to occur sooner than said first to occur expiration time;

determining a new time period based on a time difference between said new start time
and said additional expiration time;

stopping timing of said time period;

timing said new time period with said timer; and

transmitting an action signal corresponding to said additional ~~event~~ time duration.

43. (Currently Amended) The set of instructions according to claim 40, wherein said
method to be implemented further comprises:

after transmitting said action signal, determining an expiration time that is next to occur
relative to said current time;

establishing a second start time based on a current time when said next to occur
expiration time is determined;

determining a second time period equal to the time difference between said second start
time and said next to occur expiration time;

providing a timer;

timing said second time period; and

transmitting a second action signal corresponding to said ~~event~~ time duration having said
next to occur expiration time.

44. (Currently Amended) The set of instructions according to claim 40, wherein said
method to be implemented further comprises:

checking a first indicator upon transmitting said action signal, said first indicator
corresponding to whether said action signal should be sent again; and

determining [[an]]a second expiration time for resending said action signal if said
indicator indicates that said action signal should be sent again.

45. (Currently Amended) A system comprising:

a processor, a memory, a clock capable of indicating a current time, a timer, and a set of
instructions executable by said processor for:

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receiving a plurality of ~~events~~ time durations, each having a respective ~~event during~~ duration in said memory;

determining an expiration time of each ~~event~~ time duration based on a respective ~~event~~ received time and said respective ~~event~~ duration;

determining which expiration time of said ~~events~~ time durations is first to occur relative to said current time;

establishing a start time based on the current time when said first to occur expiration time is determined;

determining a time period based on a difference between said start time and said first to occur expiration time minus an amount of time to send an action signal;

causing said timer to time said time period;

transmitting [[an]]said action signal corresponding to said ~~event~~ time duration having said first to occur expiration time when said time period has expired.

46. (Currently Amended) The system according to claim 45, wherein said instructions are further executable by said processor for:

receiving an additional ~~event~~ time duration in said memory, said additional ~~event~~ time duration having an additional expiration time while said timer is timing said time period; and

determining if said additional expiration time will occur sooner than said first to occur expiration time.

47. (Currently Amended) The system according to claim 45, wherein if said additional expiration time will occur sooner than said first to occur expiration time, said instructions further executable by said processor for:

establishing a new start time based on a current time when said additional expiration time is determined to occur sooner than said first to occur expiration time;

determining a new time period based on a time difference between said new start time and said additional expiration time;

~~stopping timing of said time period~~;

causing said timer to time said new time period with said timer; and

transmitting an action signal corresponding to said additional ~~event~~ time duration.

48. (Currently Amended) The system according to claim 45, wherein instructions are further executable by said processor for:

determining an expiration time that is next to occur relative to said current time, after said action signal has been transmitted;

establishing a second start time based on a current time when said next to occur expiration time is determined;

determining a second time period equal to the time difference between said second start time and said next to occur expiration time;

causing said timer to time said second time period; and

transmitting a second action signal corresponding to said ~~event~~ time duration having said next to occur expiration time.

49. (Currently Amended) The system according to claim 45, wherein said instructions are further executable by said process or for:

checking a first indicator upon transmitting said action signal, said <u>first</u> indicator corresponding to whether said action signal should be sent again; and

determining [[an]]<u>a second</u> expiration time for resending said action signal if said indicator indicates that said action signal should be sent again.

50. (Currently Amended) The[y] system according to claim 45, wherein said timer comprises a software module.